

# ENVIRONMENTAL

NO. 61909

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## APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office FEB 14 1996

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed MAR 28 1996

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The applicant ARCO Products Company, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. May 7, 1985 in Delaware

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1. The source of the proposed appropriation is underground
2. The amount of water applied for is 0.0223 second-feet
  - (a) If stored in reservoir give number of acre-feet
3. The water to be used for environmental other use (treatment of petroleum- contaminated ground water, no consumption use).
4. If use is for:
  - (a) Irrigation, state number of acres to be irrigated N/A
  - (b) Stockwater, state number and kinds of animals to be watered N/A
  - (c) Other use (describe fully under No. 12. "Remarks") N/A
  - (d) Power: N/A
    - (1) Horsepower developed
    - (2) Point of return of water to stream
5. The water is to be diverted from its source at the following point NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 21, T.21S., R.61.E, M.D.M., located from the N $\frac{1}{4}$  corner of section 21 Township 21 South Range 61 East M.D.M.: monitoring well MW-3 bears S27°03'28"E, 333.89'; monitoring well MW-4 bears S29°35'43"E, 398.20'; and monitoring well MW-10 bears S36°20'43"E, 329.44'.
6. Place of Use A portion of the NW $\frac{1}{4}$  of the NE $\frac{1}{4}$  of Section 21 Township 21 South, Range 61 East M.D.M.
7. Use will begin about January 1 and end about December 31, of each year.
8. Description of proposed works Water extracted from existing monitoring wells MW-3 and MW-4 (waiver #MO-2447) and future monitoring well MW-10 with submersible pumps.
9. Estimated cost of works N/A
10. Estimated time required to construct works 2 weeks
11. Estimated time required to complete the application of water to beneficial use 5 years

12. Remarks: Water to be extracted from two existing monitoring wells (waiver #MO-2447) and one future monitoring well for remediation of dissolved Benzene, Toluene, Xylenes, and Ethylbenzene (BTXE) via treatment by air stripper. Treated water to be reinjected into the aquifer via an injection trench. See attcahed sheet.

By s/Jennifer Hoes for Broadbent & Assoc, Inc.  
Broadbent & Associates, Inc.  
833 Nevada Highway, Suite 4  
Boulder City, NV 89005

Compared cl/jk cl/cmg

Protested \_\_\_\_\_

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APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection and subsequent correspondence with said agency. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and records of this measurement shall be submitted on an annual basis. It is also understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. The State retains the right to regulate the use of water granted herein at any and all times.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

This permit is issued pursuant to the provisions of NRS 533.4375. Well drillers reports for any well(s) drilled under this permit shall be filed within 30 days from completion of the well.

Within 30 days after the completion of the project, the permittee shall notify the State Engineer of such completion and all wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0233 cubic feet per second, but not to exceed 16.87 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before:

May 24, 1997

Proof of completion of work shall be filed before:

June 24, 1997

Application of water to beneficial use shall be filed on or before:

Proof of the application of water to beneficial use shall be filed on or before:

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Map in support of proof of beneficial use shall be filed on or before:

N/A

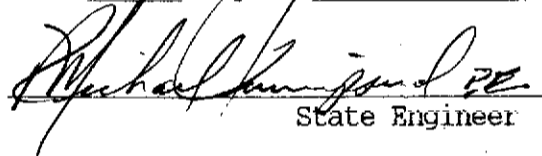
\* The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection.

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.,

State Engineer of Nevada, have hereunto set

my hand and the seal of my office,

this 24th day of May, A.D. 1996

  
State Engineer

Completion of work filed JUL 24 1997

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_